

**REMARKS**

In response to the Restriction Requirement dated March 24, 2004, Applicant elects, without traverse, to prosecute the species identified by the Examiner as *a) a programmer with a user-selection module and a module for modifying a parameter based on the selection*, which corresponds with language found in independent claim 14. Applicant respectfully requests consideration of dependent claims 15-17 along with independent claim 14.

The species identified by the Examiner as *b) a programmer with artificial intelligence* corresponds with language found in independent claim 18, and *c) a programmer with a number of screen displays for allowing selection of a detection enhancement from a number of available screens* corresponds with language found in independent claim 31. Thus, claims 18-30 and 31-46 are withdrawn in view of the election.

In view of the language used to identify the species, Applicant believes that at least independent claim 14 is generic. Applicant believes that the recited first and second modules in independent claim 14 are generic with respect to the recited selection module and parameter modification module in independent claim 18. With respect to independent claim 31, Applicant refers to claim 17, which depends on independent claim 14 and recites, among other things, that the second module provides a number of screen displays. In accordance with 37 CFR 1.141, Applicant respectfully requests consideration of claims 18-30 and 31-46 upon the allowance of a generic claim.

In this reply, Applicant is amending claim 31, which stands withdrawn, to correct a typographical error and clarify that the recited communications module is a communications module for communicating with the pulse generator. No new matter has been added. Upon the allowance of a generic claim, Applicant respectfully requests consideration of claim 31, as now amended.



RESPONSE TO RESTRICTION REQUIREMENT AND SUPPLEMENTAL PRELIMINARY AMENDMENT  
Serial Number: 10/025958  
Filing Date: December 18, 2001  
Title: SYSTEM AND METHOD FOR DETECTION ENHANCEMENT PROGRAMMING

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Conclusion

The Examiner is invited to contact Applicant's Representatives at the below-listed telephone number if there are any questions regarding this Response or if prosecution of this application may be assisted thereby.

Respectfully submitted,

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By their Representatives,

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 12 day of April, 2004.

Name Paula Sicky

Paula Sicky  
Signature

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